SHARP SERVICE MANUAL

No. S47E7LC62C42U

SUPPLEMENT

LCD COLOR TELEVISION

MODELS LC-62C42U LC-42D72U

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

OUTLINE

In this Service Manual, only parts in the LCD module are shown. For the other points, refer to the LC-62C42U/LC-42D72U (S86V9LC42D62U/S17B9LC42D72U) Service Manual.

Parts marked with "⚠" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

SHARP CORPORATION

This document has been published to be used for after sales service only.
The contents are subject to change without notice.

OUTLINE AND ADJUSTMENT

[1] Outline

In this Service Manual, only parts in the LCD module are shown. For the other points, refer to the LC-62C42U/LC-42D72U (S86V9LC42D62U/S17B9LC42D72U) Service Manual.

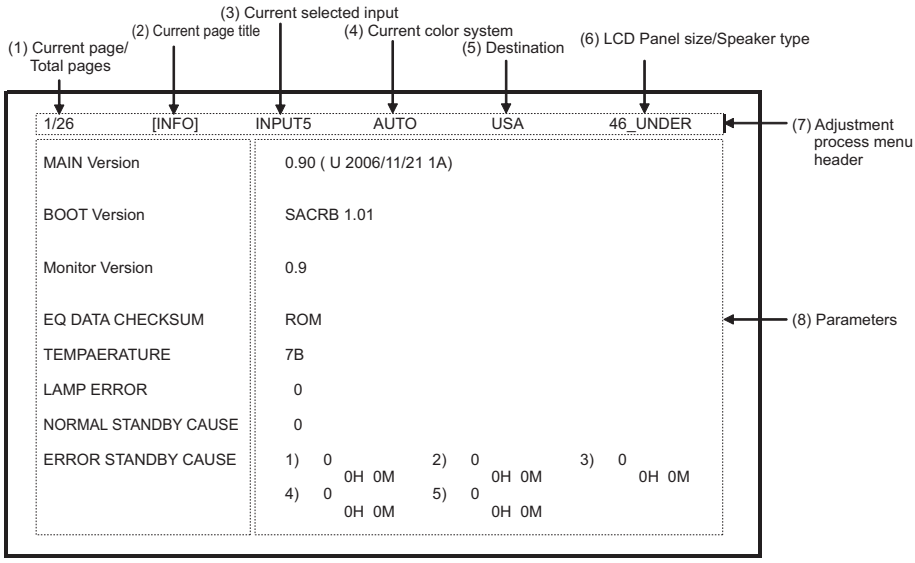
[2] Adjustment

When replacing the LCD control PCB, follow these steps to adjust VCOM.

1) Enter the adjustment process mode.
2) Select the item [VCOM ADJ] on the page 3/26 using the CH (∧)/(∨) keys on the remote controller.
3) Press the Enter key to check that the adjustment pattern is displayed.
4) Adjust the flicker in the middle of the screen to minimum using the VOL (+)/(-) keys on the remote controller.
5) Press the Enter key to turn off the pattern.
6) To exit the adjustment process mode after the adjustment is done, unplug the AC cord from the outlet to make a forced shutdown. (When the power was turned off with the remote controller, once unplug the AC cord and plug it again. In this case, wait 10 seconds or so before plugging.)

CAUTION: Use due care in handling the information described here lest your users should know how to enter the adjustment process mode. If the settings are tampered in this mode, unrecoverable system damage may result.

Description of display


(1) Current page/ Total pages
(2) Current page title
(3) Current selected input
(4) Current color system
(5) Destination
(6) LCD Panel size/Speaker type
1/26 [INFO] INPUT5 AUTO USA 46_UNDER
(7) Adjustment process menu header
MAIN Version 0.90 (U 2006/11/21 1A)
BOOT Version SACRB 1.01
Monitor Version 0.9
EQ DATA CHECKSUM ROM
TEMPAERATURE 7B
LAMP ERROR 0
NORMAL STANDBY CAUSE 0
ERROR STANDBY CAUSE 1) 0 0H 0M 2) 0 0H 0M 3) 0 0H 0M 4) 0 0H 0M 5) 0 0H 0M
(8) Parameters

SHARP PARTS GUIDE

LCD COLOR TELEVISION

MODELS LC-62C42U LC-42D72U

CONTENTS

[1] LCD MODULE Assembly

Parts marked with "⚠" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

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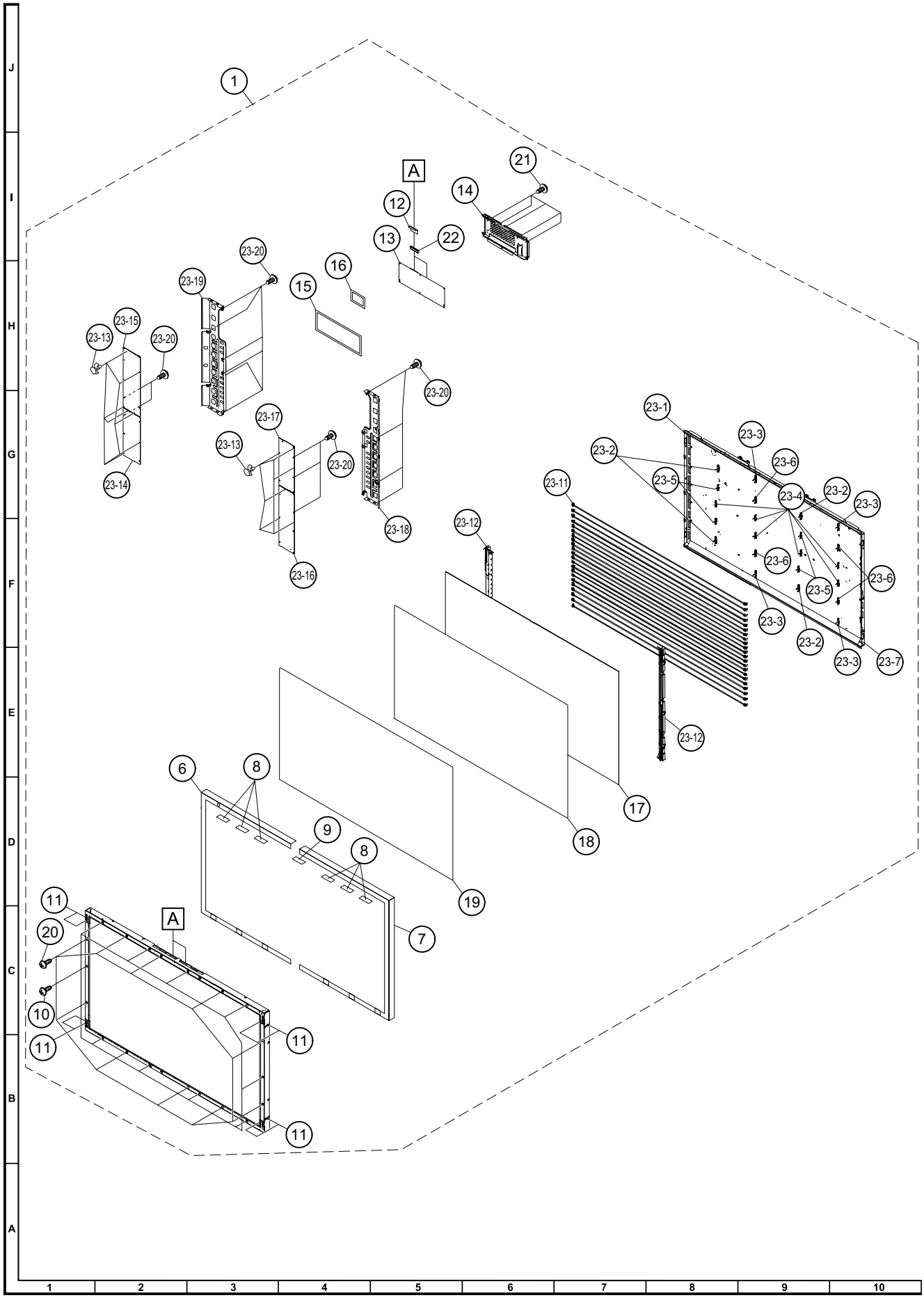
[1] LCD MODULE Assembly



NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[1] LCD MODULE Assembly					
1	R1LK420D3LZ10W	FG	N	J	LCD Module Ass'y
6	CHLDZ3423TPX1		N	J	Frame Ass'y
7	CHLDZ3424TPX1		N	J	Frame Ass'y
8	LHLDZ3350TPXZ		N	J	Clip, x6
9	LHLDZ3363TPXZ		N	J	Clip
10	LX-HZ2076TPZZ		N	J	Screw, x10
11	LX-BZ2146TPZZ		N	J	Screw, x8
12	QPWBM0327TPZZ	AG	N	J	CS-FPC, x2
13	CPWBX3520TPXD		N	J	LCD CONTROL Unit
14	LANGTA395WJTW		N	J	Cover (LCD Control Unit)
15	LANGTA396WJT1		N	J	Cover Ass'y (LCD Control Unit)
16	PSPAZA751WJKZ	AC	N	J	Radiation sheet
17	PCOVUA098WJN1	BB	N	J	Diffusion Panel
18	PSHEPA480WJN1	AX	N	J	Reflection Sheet, x2
19	PSHEPA479WJN1	BT	N	J	Optical Sheet
20	LX-BZ2301TPZZ		N	J	Screw, x10
21	XBPS730P06WS0	AA		J	Screw, x5
22	RCORFA061WJZZ	AG	N	J	Core, x2
23-1	CANGK3719TP02		N	J	Back Light Angle Ass'y
23-2	LHLDZA786WJKZ		N	J	Lamp clip, x4
23-3	LHLDZA800WJKZ		N	J	Lamp clip, x4
23-4	LHLDZ3425TPZZ		N	J	Lamp clip, x6
23-5	LHLDZ3426TPZZ		N	J	Lamp clip, x4
23-6	LHLDZ3427TPZZ		N	J	Lamp clip, x4
23-7	PMiR-A119WJZZ		N	J	Reflection Sheet
23-11	CLMP-A130WJ01		N	J	Lamp Unit Ass'y, x11
23-12	LHLDZ3422TPZZ	AN	N	J	Lamp Holder, x2
23-13	PSPAZB030WJKZ	AB	N	J	Inverter Spacer, x13
23-14	RUNTKA271WJTZ	BK	N	J	INVERTER Unit A
23-15	RUNTKA272WJTZ	BD	N	J	INVERTER Unit B
23-16	RUNTKA273WJTZ	AR	N	J	INVERTER Unit C
23-17	RUNTKA274WJTZ	AP	N	J	INVERTER Unit D
23-18	LANGK3720TPZZ	AN	N	J	Inverter Cover A
23-19	LANGK3721TPZZ	AQ	N	J	Inverter Cover B
23-20	XBPS730P06WS0	AA		J	Screw, x15

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